

AVERP2544USA

Title: HALOGEN-FREE, PRINTABLE, MULTILAYERED SHRINK
FILMS AND ARTICLES ENCAPSULATED THEREWITH

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Abstract of the Invention

10 The present invention relates to a halogen-free, multilayered heat shrink
film comprising (A) a core layer comprising a copolymer of ethylene or propylene
with an alpha olefin and the core having an upper and lower surface, (B) a skin
layer on the upper surface of the core layer, wherein the skin layer comprises a
polyolefin or polyolefin blend and (C) a printable layer on the lower surface of the
core layer, wherein the shrinkage of the film is at least about 30%. The invention
also relates to articles, including cylindrical articles such as batteries. The films
15 have good shrinkage and avoids end puckering. Additionally, the films are
printable, even with gravure printing. The films and labels produced therefrom
may be applied at high speeds and have good heat stability.